BRUHAT BANGALORE MAHANAGARA PALLIKE , YELAHANKA ZONE BANGALORE

PWD FORM-45 (WORK SLIP)

Name of Work: CONSTRUCTION OF TOILET BUILDING AND OTHER DEVELOPMENT WORKS NEAR GKVK LAYOUT IN WARD NO 7 BYATARAYANAPURA KODIGEHALLI SUB DIVISION.

Name of Agency : KRIDL

Estimated Cost: 15.00 Lakhs

Work order No.BBMP/EE/BTP/130/2017-18, Date. 27.03.2018

Sl No	Description	Unit	As per Sanctioned Estimate			As per Approved Qnatity			As per Actual Tender Rate And Quantity			Up to 125% Tender Quntity			Above 125% Tender Quntity			As per Actual Total Amount	Exess	Savenings	Remaks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRB2-1.2Earthwork in surface excavation ordinary soil for leveling and lowering the ground(other than foundation of buildings, culverts,road drains and trenches for pipe lines and cables)and removing the excav-ated stuff to a distance not exceeding 50m and lift upto 1.50m ecavated surface levelled and neatly dressed,disposed earth to be levelled after breaking of and neatly dressed as per specification. Specification NO KBS 2.1(b)/2.3.1 Page No-5 item No 2.1	Cum	56.90	169.56	9647.96	56.90	169.56	9647.96	56.00	169.56	9495.36	0.00	169.56	0.00	0.00	169.56	0.00	9495.36	0.00	152.60	
2	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3	Cum	12.80	204.12	2612.74	12.80	204.12	2612.74	12.11	204.12	2471.89	0.00	204.12	0.00	0.00	204.12	0.00	2471.89	0.00	140.84	
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Page No 12. Item No 4.3.	Cum	35.56	5256.36	186916.16	35.56	5256.36	186916.16	29.82	5256.36	156744.66	0.00	5256.36	0.00	0.00	5256.36	0.00	156744.66	0.00	30171.51	
4	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No 23. Item No 5.6	Cum	9.22	4521.96	41692.47	9.22	4521.96	41692.47	6.83	4521.96	30884.99	0.00	4521.96	0.00	0.00	4521.96	0.00	30884.99	0.00	10807.48	
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No 23/Item No 5.90	Cum	3.58	5403.40	19344.17	3.58	5403.40	19344.17	1.04	5403.40	5619.54	0.00	5403.40	0.00	0.00	5403.40	0.00	5619.54	0.00	13724.64	
6	KSRB 15.2.1 Providing flush pointing to stone slab pavements, with cement mortar 1:3, after raking joints, nicely lining, including cost of materials, labour, curing complete as per specifications. Page No 113, Item No 15.07	Sqm	7.18	200.88	1442.32	7.18	200.88	1442.32	4.60	200.88	924.05	0.00	200.88	0.00	0.00	200.88	0.00	924.05	0.00	518.27	

7	Filling Availble exacavation earth (exucluding rock) in ...es of Foundations up to plinth in layer by ramming after watering with load up to 50 m and lift up to 1.5 m including cost of all labours complete as per Specification, Specification No KSB 2.9 (Page No 6, Item No 2.10. PWD SR 2016-17	Cum	12.80	137.16	1755.65	12.80	137.16	1755.65	5.31	137.16	728.32	0.00	137.16	0.00	0.00	137.16	0.00	728.32	0.00	1027.33	
8	KSRB 2.6 : Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering rammin g with all lead and lift complete as per specifications.specification. No. KBS 2.10.2 Page No 6 Item No 2.13	Cum	5.44	2305.80	12543.55	5.44	2305.80	12543.55	0.00	2305.80	0.00	0.00	2305.80	0.00	0.00	2305.80	0.00	0.00	0.00	12543.55	
9	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No 16. Item No 4.36	Sqm	6.83	732.24	5001.20	6.83	732.24	5001.20	0.00	732.24	0.00	0.00	732.24	0.00	0.00	732.24	0.00	0.00	0.00	5001.20	
10	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No 16/ Item No 4.34	Sqm	6.83	276.48	1888.36	6.83	276.48	1888.36	12.36	276.48	3417.29	8.54	276.48	2361.14	3.82	276.48	1056.15	3417.29	1528.93	0.00	
11	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page no 16. Item No 4.37	Sqm	5.11	291.60	1490.08	5.11	291.60	1490.08	0.00	291.60	0.00	0.00	291.60	0.00	0.00	291.60	0.00	0.00	0.00	1490.08	
12	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2 Page No 15/ Item No 4.29	Sqm	23.29	594.00	13834.26	23.29	594.00	13834.26	26.18	594.00	15550.92	0.00	594.00	0.00	0.00	594.00	0.00	15550.92	1716.66	0.00	
13	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 , Page No 14, Item No 4.13	Cum	27.01	6650.64	179633.79	27.01	6650.64	179633.79	22.96	6650.64	152698.69	0.00	6650.64	0.00	0.00	6650.64	0.00	152698.69	0.00	26935.09	

14	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 Page No 14 Item No 4.19	Cum	5.11	492.48	2516.57	5.11	492.48	2516.57	0.00	492.48	0.00	0.00	492.48	0.00	0.00	492.48	0.00	0.00	0.00	2516.57	
15	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 · TMT bars Fe 500 Page No 16 Item No 4.46	Tonne	3.21	60534.00	194314.14	3.21	60534.00	194314.14	0.53	60534.00	32083.02	0.00	60534.00	0.00	0.00	60534.00	0.00	32083.02	0.00	162231.12	
16	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 400x200x200cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No 25 Item No 5.27.1	Sqm	89.01	1011.96	90074.56	89.01	1011.96	90074.56	94.34	1011.96	95468.31	0.00	1011.96	0.00	0.00	1011.96	0.00	95468.31	5393.75	0.00	
17	SRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No 12 Item No 4.2	Cum	2.74	5449.68	14932.12	2.74	5449.68	14932.12	3.02	5449.68	16458.03	0.00	5449.68	0.00	0.00	5449.68	0.00	16458.03	1525.91	0.00	
18	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4. Page No 40 Item No 7.26	Sqm	3.78	3780.00	14288.40	3.78	3780.00	14288.40	3.78	3780.00	14288.40	0.00	3780.00	0.00	0.00	3780.00	0.00	14288.40	0.00	0.00	

19	Providing and fixing colour glazed tiles all sizes 10mm thick for flooring trades of steps and landing laid on a bed of 12mm thcik cement mortor 1:3 mix Flush pointing using white cement with Maching colour piment including cost of materials labours curing complete as per specification Item No 14.33	Sqm	16.73	588.60	9847.28	16.73	588.60	9847.28	67.40	588.60	39671.64	20.91	588.60	12307.63	46.49	588.60	27364.01	39671.64	29824.36	0.00	
20	KSRB 4-6.14 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sloping or battering surface including folded plates where inclination to horizontal plane does not exceed 30 degree requiring shuttering only on the under side including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Item No 4.40	Sqm	106.29	487.08	51771.73	106.29	487.08	51771.73	0.00	487.08	0.00	0.00	487.08	0.00	0.00	487.08	0.00	0.00	0.00	51771.73	
21	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinerycomplete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 Item No 7.7	Sqm	3.38	3812.40	12885.91	3.38	3812.40	12885.91	3.60	3812.40	13724.64	0.00	3812.40	0.00	0.00	3812.40	0.00	13724.64	838.73	0.00	
22	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the Salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV/TIFAC Composites Design centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain colour White/Ivory/Beige/Light Grey or any other colour using high quality pigments	Sqm	9.45	3456.00	32659.20	9.45	3456.00	32659.20	10.50	3456.00	36288.00	0.00	3456.00	0.00	0.00	3456.00	0.00	36288.00	3628.80	0.00	
23	KSRB15-3.14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Item No 15.22	Sqm	18.29	192.24	3516.07	18.29	192.24	3516.07	20.15	192.24	3873.64	0.00	192.24	0.00	0.00	192.24	0.00	3873.64	357.57	0.00	

24	KSRB15-3.6 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No 97 . Item No 15.14	Sqm	102.92	180.36	18562.65	102.92	180.36	18562.65	122.61	180.36	22113.94	0.00	180.36	0.00	0.00	180.36	0.00	22113.94	3551.29	0.00	
25	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Item No 15.33	Sqm	121.21	27.00	3272.67	121.21	27.00	3272.67	142.76	27.00	3854.52	0.00	27.00	0.00	0.00	27.00	0.00	3854.52	581.85	0.00	
26	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Item No 15.19	Sqm	18.42	252.72	4655.10	18.42	252.72	4655.10	20.15	252.72	5092.31	0.00	252.72	0.00	0.00	252.72	0.00	5092.31	437.21	0.00	
27	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Item No 15.11	Sqm	70.57	162.00	11432.34	70.57	162.00	11432.34	72.18	162.00	11693.16	0.00	162.00	0.00	0.00	162.00	0.00	11693.16	260.82	0.00	
28	KSRB 8.6-8 : Providing and fixing on wall surface. 40 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. Item No 8.19	Sqm	12.80	613.44	7852.03	12.80	613.44	7852.03	13.00	613.44	7974.72	0.00	613.44	0.00	0.00	613.44	0.00	7974.72	122.69	0.00	
29	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Item No 15.49.1	Sqm	121.21	76.68	9294.38	121.21	76.68	9294.38	142.76	76.68	10946.84	0.00	76.68	0.00	0.00	76.68	0.00	10946.84	1652.45	0.00	
30	KSRB 15-13.3 : Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after throughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Item No 15.47.1	Sqm	12.80	54.00	691.20	12.80	54.00	691.20	72.18	54.00	3897.72	16.00	54.00	864.00	56.18	54.00	3033.72	3897.72	3206.52	0.00	
31	SRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 Item No 12.2	No	7.00	4682.88	32780.16	7.00	4682.88	32780.16	7.00	4682.88	32780.16	0.00	4682.88	0.00	0.00	4682.88	0.00	32780.16	0.00	0.00	

32	KSRB 11-8.1 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 340x410x265mm with 5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 Item No 12.11	No	5.00	3109.32	15546.60	5.00	3109.32	15546.60	4.00	3109.32	12437.28	0.00	3109.32	0.00	0.00	3109.32	0.00	12437.28	0.00	3109.32	
33	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KBS Page No 81 Item No 12.30)	No	2.00	4945.32	9890.64	2.00	4945.32	9890.64	2.00	4945.32	9890.64	0.00	4945.32	0.00	0.00	4945.32	0.00	9890.64	0.00	0.00	
34	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 Item No 13.23	No	10.00	3090.96	30909.60	10.00	3090.96	30909.60	10.00	249.48	2494.80	0.00	249.48	0.00	0.00	249.48	0.00	2494.80	0.00	28414.80	
35	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 15mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.8 Item No 13.1	Rmtr	25.00	199.80	4995.00	25.00	199.80	4995.00	25.00	199.80	4995.00	0.00	199.80	0.00	0.00	199.80	0.00	4995.00	0.00	0.00	
36	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm Item No 14.47	Sqm	5.63	2828.52	15924.57	5.63	2828.52	15924.57	2.88	2828.52	8146.14	0.00	2828.52	0.00	0.00	2828.52	0.00	8146.14	0.00	7778.43	
37	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. Item No 37.58	ltrs	2000.00	6.48	12960.00	2000.00	6.48	12960.00	1000.00	6.48	6480.00	0.00	6.48	0.00	0.00	6.48	0.00	6480.00	0.00	6480.00	
38	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Item No 2.1	Cum	384.00	169.56	65111.04	384.00	169.56	65111.04	1365.00	169.56	231449.40	480.00	169.56	81388.80	885.00	169.56	150060.60	231449.40	166338.36	0.00	
39	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 Page No 148 Item No 19.60	Cum	576.00	326.16	187868.16	576.00	326.16	187868.16	682.50	326.16	222604.20	0.00	326.16	0.00	0.00	326.16	0.00	222604.20	34736.04	0.00	

40	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No 5 Item No 2.3	Cum	12.80	204.12	2612.74	12.80	204.12	2612.74	12.80	204.12	2612.74	0.00	204.12	0.00	0.00	204.12	0.00	2612.74	0.00	0.00	
41	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No 12. Item No 4.3	Cum	12.80	5256.36	67281.41	12.80	5256.36	67281.41	2.40	5256.36	12615.26	0.00	5256.36	0.00	0.00	5256.36	0.00	12615.26	0.00	54666.14	
42	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No 23. Item No 5.6	Sqm	7.80	4521.96	35271.29	7.80	4521.96	35271.29	7.20	4521.96	32558.11	0.00	4521.96	0.00	0.00	4521.96	0.00	32558.11	0.00	2713.18	
43	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Item No 4.6	Cum	2.10	5876.28	12340.19	2.10	5876.28	12340.19	3.43	5876.28	20155.64	2.63	5876.28	15454.62	0.80	5876.28	4701.02	20155.64	7815.45	0.00	
44	KSRB15-3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No 113 Item No 15.1	Sqm	13.00	104.76	1361.88	13.00	104.76	1361.88	14.00	104.76	1466.64	0.00	104.76	0.00	0.00	104.76	0.00	1466.64	104.76	0.00	
45	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 Page No 15 Item No 4.18	Sqm	6.00	338.04	2028.24	6.00	338.04	2028.24	16.00	338.04	5408.64	7.50	338.04	2535.30	8.50	338.04	2873.34	5408.64	3380.40	0.00	

46	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 Page No 13 Item No 4.11	Cum	3.68	6491.88	23890.12	3.68	6491.88	23890.12	3.68	6491.88	23890.12	0.00	6491.88	0.00	0.00	6491.88	0.00	23890.12	0.00	0.00	
47	KSRRB M 100-1 Loading and Unloading of Stone Boulders / Stone aggregates /Sand /Kanker /Moorum , KSRR M 100-1 : Placing tipper at point loasding with front end loader , dumping , turning for retun trip excluding time for haulage and return trip Complete as per Specification MORTH -100/ Chapter 1 Page No133 Item No 17.4 and 17.1	Cum	259.20	96.12	24914.30	259.20	96.12	24914.30	259.20	96.12	24914.30	0.00	96.12	0.00	0.00	96.12	0.00	24914.30	0.00	0.00	
	Total				1506055.00			1506055.00			1350863.66	0	0	114911.48	0	0	189088.85	1350863.66	267002.55	422193.89
																		i.e Exese Amount	111811.21	155191.34

$$\frac{\text{Percentage excess}}{\text{Approved Tender Amount (Excluding KRIDL Charges}} \times 100 = \frac{111811.21}{1350863.66} \times 100 = 8.28$$

Assistant Enginner
Ward No. 07

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

Executive Engineer
Byatarayanapura Division
BBMP Bangalore-92

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.